Massachusetts Department of Environmental Protection

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Username:	**EHOYT**
Transaction ID:	**118480**
Document:	**AQ Source Registration Package**
Size of File:	**635.992 K**
Status of Transaction:	**SIGNED**
Date and Time Created:	**7/13/2007::12:33:22 PM**

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

Source Registration Overview

Create or Amend a Source Registration Forms Package

2006
Year of Record

1190634
Facility AQ identifier

Click "?" icons for important notes

A. Create a Source Registration Package

1. Select existing or new facility:

☑ **Existing** Facilities: To create a complete package for **2006** check box.

☐ check if you added emission units or stacks since your last report.

IMPORTANT !

☐ **New** Facilities – check if you have never before submitted a Source Registration

2. Validate this form:

How do you **replace** units ?

Date Received (DEP use only – mm/dd/yyyy)

B. Amend a Source Registration

1. If you need to correct or add to a previously submitted Source Registration for **2006** check the boxes in the list below to select the forms/units you wish to work on. Check here to add new units: ☐

How do you amend a prior year's Source Registration ?

2. Validate this form:

Facility Name: **SPRAGUE-EVERETT TERMINAL**

Our records indicate that this facility has: **16** Emission Units (points) and **1** Physical Stacks

☑ AP-SR Source Registration Form (general facility and contact information) – REQUIRED
☑ AP-TES Total Emissions Statement (facility-wide emissions; includes hazardous Air Pollutant (HAP) reporting).

How does the new numbering system differ from the old ?

	Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
☑	1	1	1	AP-2	2001
☐	ABVGRND TANK #1003 - 831,180 GAL LIQUID ASPHALT	7	7	AP-2	2001
☐	ABVGRND TANK #1001 - 1,693,020 GAL LIQUID ASPHALT	9	9	AP-2	2001
☑	AGST #148 - 3,320,000 GAL LIQUID ASPHALT	2	2	AP-4	2001
☑	AGST #193 - 3,367,140 GAL LIQUID ASPHALT	3	3	AP-4	2001
☑	AGST #194 - 3,367,140 GAL LIQUID ASPHALT	4	4	AP-4	2001
☑	AGXT #195 - 3,367,140 GAL LIQUID ASPHALT	5	5	AP-4	2001
☑	AGST #1002 - 844,200 GAL LIQUID ASPHALT	6	6	AP-4	2001
☑	AGST #1004 - 844,200 GAL LIQUID ASPHALT	8	8	AP-4	2001
☑	AGST #21 - 19,700 GAL EXXON HT-43 OIL	10	10	AP-4	2001
☑	AGST #22 - 15,000 GAL #2 OIL	11	11	AP-4	2001
☑	AGST #23 - 30,000 GAL KEROSENE	12	12	AP-4	2001
☑	AGST #24 - 30,000 GAL KEROSENE	13	13	AP-4	2001

Additional units (if any) listed on following pages

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

Source Registration Overview

Create or Amend a Source Registration Forms Package

2006
Year of Record

1190634
Facility AQ identifier

	Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
☐	AGST #P-1 8,000 GAL POLYMER ADDITIVE	14	14	AP-4	2001
☑	AGST #11-18 - 47,460 GAL ASPHALT (NOT USED)	15	15	AP-4	2001
☑	AGST #19-20 - 24,300 GAL ASPHALT (NOT USED)	16	16	AP-4	2001
☑	BOILERS #1,2,3 - FULTON FT-0800-C DUAL FUEL	1	1	AP-STAC	2001
☐					
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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

Source Registration Overview

Create or Amend a Source Registration Forms Package

2006
Year of Record

1190634
Facility AQ identifier

	Emission unit name	Facility's ID#	DEP#	AP form	Last update
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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

New Unit Creator Form

Adding New Emission Units and Stacks

2006
Year of Record

1190634
Facility AQ identifier

Steps to Add New Emissions Units and Stacks

1. Enter the number of **new units** and **new stacks** to add to this package in the boxes below:

New Facilities: If you are a new facility (or this is your first Source Registration) you must complete a form for each emission unit and stack.

Replacing emissions units: To replace an emissions unit or stack you must add a form for the new replacement unit in the boxes below. Then you must **decommission** the old one (by inserting a decommission date in the form for the old unit) Enter the decommission date on the form for the old unit first, then fill out the form for the new replacement unit.

IMPORTANT

Please read if revalidating

	AP-1 Fuel Utilization Equipment (boilers, engines, furnaces, etc.)
	AP-2 Processes (including coatings, painting, etc)
	AP-3 Incinerators
2	AP-4 Organic Material Storage (tanks)
	AP-Stack (new/replacement stacks for any emission unit/s)

2. Validate this form: eDEP will add the number of blank forms you requested to your package.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

DEP EU# (old Point #)
1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST TANK #1001 - 1,693,020 LIQUID ASPHALT
a. Facility's choice of emission unit name – edit as needed

9
b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1965
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☑ floating roof ☐ internal roof ☐ fixed ☐ other:

Specify other

84
c. Height / Length – feet

40
d. Diameter – feet

1693020
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

DEP EU# (old Point #)
1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LIQUID ASPHALT
a. Name of material

8052424
b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

320
f. Temperature – typical storage temp. in °Fahrenheit

e. Vapor pressure in PSI at 25º C

45272751.0000
g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

DEP EU# (old Point #)
1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST TANK#1003 - 831,180 GALS LIQUID ASPHALT
a. Facility's choice of emission unit name – edit as needed

7
b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1965
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☑ floating roof ☐ internal roof ☐ fixed ☐ other:

Specify other

59
c. Height / Length – feet

39.5
d. Diameter – feet

831180
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LIQUID ASPHALT
a. Name of material

8052424
b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

320
f. Temperature – typical storage temp. in °Fahrenheit

e. Vapor pressure in PSI at 25º C

0.0000
g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

2. Attachments: ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

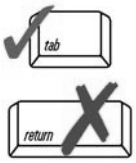
BWP AQ AP-SR

Source Registration

2006
Year of Record

1190634
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Facility Information

1. Facility - the site or works at which the regulated activity occurs:

SPRAGUE-EVERETT TERMINAL
a. Facility Name

15 BEACHHAM ST
b. Facility Street Address Line 1

c. Facility Street Address Line 2

EVERETT
d. City/Town

MA
e. State

02149-0000
f. Zip Code

6173899173
g. Facility Phone Number

617 3899176
h. Facility Fax Number

2. Mailing address: ☐ same address as facility address

43 BEACHAM STREET
a. Facility Mailing Address / PO Box Line 1

b. Facility Mailing Address / PO Box Line 2

EVERETT
c. City/Town

MA
d. State

02149-0000
e. Zip Code

3. Facility type – check one:

☐ Utility ☑ Private ☐ Tribal ☐ Federal ☐ State ☐ Local Government

4. ORIS Facility Code - for large electrical utilities only:

ORIS Facility Code

5. ID numbers:

373005
a. DEP Account number / FMF Facility #

1190634
b. Facility AQ identifier – SSEIS ID number

6. Location (check box to enter either UTM **OR** Lat/Long) :

How to find **location data** ?

☐ a. UTM coordinates

c. UTMHorizontal - meters

d. UTM Vertical - meters

e. UTM Zone

Valid Ranges:

☑ b. Latitude/Longitude

42.392360
f. Latitude 42.9^0 - 41.2^0

71.061754
g. Longitude – West
73.5^0 - 69.8^0
Enter positive values only.

BWP AQ AP-SR

Source Registration

2006
Year of Record

1190634
Facility AQ identifier

A. Facility Information (cont.)

7. North American Industry Classification System (NAICS) 6 digits:

a.	b.	c.	d.
424710			

8. Facility description (what is being produced and how it is being produced at this facility – update as needed):

THE FACILITY IS A BULK OIL MARINE STORAGE TERMINAL.

9. Facility's normal hours of operation:

a. Start time	b. End Time	c. Continuous - 24 x 7 x 52
04:30 AM	**05:00 PM**	☐

d. Which days is the facility open? ☐ S ☑ M ☑ T ☑ W ☑ T ☑ F ☐ S

10. Number of employees: **6**

11. Facility Owner: ☐ same address as facility mailing address (will copy address into fields below)

Who is an **Owner** ?

Please contact your DEP Regional Office if the ownership of this facility has changed.

SPRAGUE ENERGY CORP
a. Owner or Corporation Name

43 BEACHHAM STREET
b. Mailing Address Line 1 (for owner or corporation)

c. Mailing Address Line 2

d. City/Town	e. State	f. Zip Code
EVERETT	**MA**	**02149-0000**

UNITED STATES
g. Country

h. Owner Phone Number	i. Extension	j. Owner Fax Number
6173899173		**617 3899176**

k. Owner E-mail Address (optional)	l. Owner TIN (Taxpayer Identification Number - 9 digits)
	020529543

A. Facility Information (cont.)

12. Facility **contact** information:

☐ same address as facility address
☐ same address as facility mailing address

JIM — a. Facility Contact **First** Name
COLLINS — Contact **Last** Name
43 BEACHAM STREET — b. Mailing Address Line 1
c. Mailing Address Line 2
EVERETT — d. City/Town
MA — e. State
02149-0000 — f. Zip Code
UNITED STATES — g. Country
JCollins@spragueenergy.com — h. E-mail Address
6173899173 — i. Phone Number
j. Extension
617 3899176 — k. Fax Number

13. **Air emissions information** contact:

☐ same as facility contact name and address
☐ same address as facility address

ERIN — a. Air emissions contact **First** Name
HOYT — Air emissions contact **Last** Name
TWO INTERNATIONAL DRIVE, SUITE 200 — b. Mailing Address Line 1
c. Mailing Address Line 2
PORTSMOUTH — d. City/Town
NH — e. State
03801-0000 — f. Zip Code
USA — g. Country
EHoyt@spragueenergy.com — h. E-mail Address
603 4307205 — i. Phone Number
j. Extension
603 4307219 — k. Fax Number

B. Preparer

1. Identification information for **preparer** of this submittal:

☐ same as facility air emissions contact name and address
☑ same as facility contact name and address
☐ same address as facility address

JIM — a. Preparer **First** Name
COLLINS — Preparer **Last** Name
43 BEACHAM STREET — b. Mailing Address Line 1
c. Mailing Address Line 2
EVERETT — d. City/Town
MA — e. State
02149-0000 — f. Zip Code
USA — g. Country
EHoyt@spragueenergy.com — h. E-mail Address
603 4307205 — i. Phone Number
j. Extension
603 4307205 — k. Fax Number

BWP AQ AP-SR

Source Registration

2006
Year of Record

1190634
Facility AQ identifier

C. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:**

☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments I notes above and deliver them to DEP with a paper copy of this form.

D. Certification

Who is a **Responsible Official** ?

"I hereby certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and, that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment."

A responsible official for the facility must provide the electronic signature. The signature and date are inserted below by eDEP when the package is submitted.

Responsible official – complete all fields below:

ERIN
a. Print **First** Name

HOYT
b. Print **Last** Name

COMPLIANCE MANAGER
c. Title

(603) 430-7205
d. Phone Number

EHoyt@spragueenergy.com
e. E-mail Address

What if you are not a Responsible Official ?

Signed under the pains and penalties of perjury:

ERIN HOYT
Signature of Responsible Official

07/13/2007
Date

eDEP enters these fields automatically on submission.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-STACK

Physical Vertical Stacks

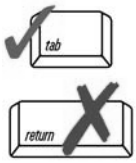
2006
Year of record

1
DEP Stack #

1190634
Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. AQ identifier – SSEIS ID number

2. Stack identifiers:

BOILERS #1,2,3 - FULTON FT-0800-C DUAL FUEL
a. Facility's choice of stack name – edit as needed

1
b. Facility's stack number – edit as needed

1
c. DEP stack # – old SSEIS stack #

3. Type: a. ☐ vertical ☑ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: **3**

What to do if data is unknown or unavailable ?

4. Dimensions:

30
Height in feet

2
Diameter in feet

5. Gas exit velocity:

24
Low end - feet per second (0.1 – 500)

24
High end - feet per second (0.1 – 500)

6. Exit temperature:

750
Low end - ^{0}Fahrenheit (50 – 1800)

750
High end - ^{0} Fahrenheit (50 – 1800)

7. Stack liner material: ☑ metal ☐ brick refractory ☐ other:

Describe Other

How to **delete** a stack ?

8. Decommission date – if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

B. Emission Units Associated with Stack – eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only – no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: this list does not reflect changes you have made on-line, but not yet submitted.

Important: To assign an emission unit to this stack, enter the Stack Id No. **on the form for the emission unit** (i.e., AP1, AP2, or AP3).

EU#1-1

C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission.

2. **Attachments:**

☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2006
Year of record

1
DEP EU# (old Point #)

1190634
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

A. Emission Unit – Process Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

1
a. Facility ' s choice of emission unit name – edit as needed

1
b. Facility ' s emission unit number / code – edit as needed

1
c. DEP emissions unit # (old SSEIS Point #)

3
d. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

a. Most recent approval number

b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☑ yes ☐ no

5. If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):

BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15
Reason for exemption

How to report on combined units ?

6. Equipment manufacturer and model number and type:

FULTON
a. Manufacturer

FT0800-C
b. Model number

THERMAL OIL HEATER
c. Equipment Type

How to **delete** a unit ? (click ?-icon)

7. Emission unit installation and decommission dates:

5/1/2001
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

BWP AQ AP-2

Emission Unit – Process Description

2006
Year of record

1
DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Emission Unit – Process Description (cont.)

8. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP ' s emissions unit number for the unit being replaced below:

DEP ' s emission unit number and facility unit name

9. Additional state reporting requirements:

a. Are there other routine air quality reporting requirements for this emissions unit ?

☐ yes – specify reporting frequency below ☑ no – skip to question 10

b. Reporting frequency – check all that apply:

☐ Monthly ☐ Quarterly ☐ Semi-annual ☐ Annual ☐ RES

(include Operating Permit and Plan Approval reports, but not exceedance reporting)

c. Is this unit subject to (check all that apply):

☐ NESHAP ☐ NSPS ☐ MACT

10. Hours of operation for the emission unit: a. ☑ check if continuously operated – 24 x 7 x 52

24	**7**	**52**
b. Number of hours per day	c. Number of days per week	d. Number of weeks per year

e. Percent of total annual operation that occurs in each calendar quarter:

25	**25**	**25**	**25**
Q1	Q2	Q3	Q4

Sum of Q1+Q2+Q3+Q4 must = 100%
(or 0% if the unit was not operated for any quarter)

11. Ozone season schedule – May 1 through September 30:

24	**7**	22
a. Ozone season hours per day	b. Ozone season days per week	c. Weeks operated in ozone season

12. Emission release point – select one:

Non-Stack Release Points:		Physical Stacks:	
☐ fugitive	☐ horizontal vent	☐ vertical stack	
☐ gooseneck	☐ downward facing vent	☑ vertical with rain cap/sleeve	

If Non-Stack release point, skip to question 14.

13. Link this unit to a physical stack (if applicable) – pick from the list below:

1 BOILERS #1,2,3 - FULTON FT-0800-C DUAL FUEL

Facility ' s stack identifier from STACK form – to change stack name use the STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form **before** completing this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2006
Year of record

1
DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Emission Unit – Process Description (cont.)

14. Is there **monitoring equipment** on this emissions unit or its related control devices ?
☐ yes – answer a through l ☑ no – skip to Question 15

How to **delete** a monitor

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

	Monitor 1	Monitor 2	Monitor 3
a. Monitor type:	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"
b. Manufacturer:			
c. Model #:			
d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants - check all that apply:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2006
Year of record

1
DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Emission Unit – Process Description (cont.)

15. Are there air pollution control devices on this emissions unit?

☐ yes – answer a through i ☑ no – skip to Section B

☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to **delete** a control

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
a. Type		Type	Type
b. Manufacturer		Manufacturer	Manufacturer
c. Model number		Model number	Model number
d. Facility ' s ID for this device		Facility ' s ID for this device	Facility ' s ID for this device
e. Installation date (mm/dd/yyyy)		Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
f. DEP approval # (most recent)		DEP approval # (most recent)	DEP approval # (most recent)
g. DEP approval date (mm/dd/yyyy)		DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
h. Decommission date (mm/dd/yyyy)		Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)

Do not leave blank – if unknown write ' unknown ' or estimate

Leave **f**, **g**, **h** blank if not applicable.

i. Percent overall efficiency – enter for all pdlutants that the device was designed to control:

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
PM 10	% Overall eff.	% Overall eff.	% Overall eff.
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.
SO2	% Overall eff.	% Overall eff.	% Overall eff.
CO	% Overall eff.	% Overall eff.	% Overall eff.
VOC	% Overall eff.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
NH3	% Overall eff.	% Overall eff.	% Overall eff.
HOC	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff.	% Overall eff.	% Overall eff.
Hg	% Overall eff.	% Overall eff.	% Overall eff.
Pb	% Overall eff.	% Overall eff.	% Overall eff.
Other	% Overall eff.	% Overall eff.	% Overall eff.
	Specify " Other "	Specify " Other "	Specify " Other "

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2006
Year of record
1
DEP EU# (old Point #)
1190634
Facility AQ identifier

B. Emissions for Raw Materials/Finished Products

☐ **Add a NEW material / product:** Check the box if you need to add a material or product that you did **not** report on previously (eDEP will add a blank Sect. B form to your package).

☐ **Delete this material/product:** check the box if you stopped using this material or making this product in this unit p*ermanently*. You must still report data for this year of record even if amount is "0" – the material / product will be removed from the unit in the next report cycle.

1. Operation description:

How does eDEP handle multiple raw materials or finished products ?

a. Raw material or finished product name: **#2 OIL**
Number of segments for this unit (previous records): 2

b. Is material/product an input or output ? ☑ input ☐ output — 1 DEP #

c. Process description: BOILERS #1,2,3 - FULTON FT-0800-C #2 OIL 0.3%S

d. Source Classification Code (SCC): (see instructions)
10300501
SC Code (call DEP if SC Code will not validate)
DISTILLATE OIL-GRADES #1 AND #2
SCC Description – filled by eDEP upon validation

Note: Definition of Maximum process rate

e. Maximum process rate for material/product:
0.21 Amount — 1000 GALLONS Units per hour

f. If organic material, give weight % of:
VOC — HOC — HYC

g. Total actual raw material used or finished product produced for year of record:
763 Amount — 1000 GALLONS Units
417 Prior year – eDEP only — 1000 GALLONS Units prior year

Enter "0" if not used in the year of record

h. Do you have raw material or finished product restrictions? ☐ yes ☑ no – skip to question 1.l

i. DEP approval number for restrictions:
Most recent approval number for this material or product

j. Short term raw material/finished product restriction – if none, leave blank:
Quantity (amount or hours) — Units
Per: ☐ month ☐ week ☐ day ☐ hour

k. Annual restriction – if none, leave blank:
Quantity (amount or hours) — Units

l. Indicate which air pollution control devices from Section A, Question 15 control this material/product by listing the facility-designated control device ID # for each unit that applies:

Device ID # — Device ID #
Device ID # — Device ID #
Device ID # — Device ID #

How to make a new air pollution control device appear in these drop menus?

☐ check here if ALL air pollution control devices on the unit apply to this material/product

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2006
Year of record
1
DEP EU# (old Point #)
1190634
Facility AQ identifier

B. Emissions for Raw Materials/Finished Products (cont.)

2. Total emissions for this material/product – tons per year:

Important: Leaving blanks for Actual and Potential emissions means that you are certifying that there were less than 0.0001 (or zero) tons of emissions for each blank.

Pollutant	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	0 Tons	Tons	12 Tons	4 Tons	1 Tons
Actual for year of record:	**0.4100** Tons	Tons	**16.2500** Tons	**9.2000** Tons	**1.9000** Tons
Potential emissions at maximum capacity uncontrolled:	**2** Tons	Tons	**52.0000** Tons	**18** Tons	**5** Tons
Emission factor:	**1.08**		**39.000000**	**24**	**5**
In pounds per unit::	1000 GALLONS		1000 GALLONS	1000 GALLONS	1000 GALLONS
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed –short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

Important: Reporting now required for t-Butyl Acetate

Pollutant	VOC	HOC	*Reserved*	NH3	Other: specify
Actual for previous year eDEP only:	0 Tons	Tons	Tons	Tons	Tons
Actual for year of record:	**0.2120** Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	**0.5110** Tons	Tons	Tons	Tons	Tons
Emission factor:	**0.556000**				
In pounds per unit:	1000 GALLONS				
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed –short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis - DEP approval number or regulation:					

check to enter your own values

C. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments**:

☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2006
Year of record
1
DEP EU# (old Point #)
1190634
Facility AQ identifier

B. Emissions for Raw Materials/Finished Products

☐ **Add a NEW material / product:** Check the box if you need to add a material or product that you did **not** report on previously (eDEP will add a blank Sect. B form to your package).

☐ **Delete this material/product:** check the box if you stopped using this material or making this product in this unit p*ermanently*. You must still report data for this year of record even if amount is "0" – the material / product will be removed from the unit in the next report cycle.

1. Operation description:

How does eDEP handle multiple raw materials or finished products ?

a. Raw material or finished product name: **PROPANE**

b. Is material/product an input or output ? ☑ input ☐ output — **2** DEP #

c. Process description: BOILERS #1,2,3 - FULTON FT-0800-C NATURAL GAS

d. Source Classification C code (SCC): (see instructions) **10300601**
SC Code (call DEP if SC code will not validate)
EXTCOMB BOILERS NAT.GAS->1000MMBT
SCC Description – filled by eDEP upon validation

Note: Definition of Maximum process rate

e. Maximum process rate for material/product: **0.01** Amount — MILLION CUBIC FEET Units per hour

f. If organic material, give weight % of: VOC ____ HOC ____ HYC ____

g. Total actual raw material used or finished product produced for year of record: **0** Amount — MILLION CUBIC FEET Units

Enter "0" if not used in the year of record

1 Prior year – eDEP only — **MILLION CUBIC FEET** Units prior year

h. Do you have raw material or finished product restrictions? ☐ yes ☑ no – skip to question 1.l

i. DEP approval number for restrictions: ____ Most recent approval number for this material or product

j. Short term raw material/finished product restriction – if none, leave blank: Quantity (amount or hours) ____ Units ____

Per: ☐ month ☐ week ☐ day ☐ hour

k. Annual restriction – if none, leave blank: Quantity (amount or hours) ____ Units ____

l. Indicate which air pollution control devices from Section A, Question 15 control this material/product by listing the facility-designated control device ID # for each unit that applies:

Device ID # ____ Device ID # ____
Device ID # ____ Device ID # ____
Device ID # ____ Device ID # ____

☐ check here if ALL air pollution control devices on the unit apply to this material/product

BWP AQ AP-2

Emission Unit – Process Description

2006
Year of record
1
DEP EU# (old Point #)
1190634
Facility AQ identifier

B. Emissions for Raw Materials/Finished Products (cont.)

2. Total emissions for this material/product – tons per year:

Important: Leaving blanks for Actual and Potential emissions means that you are certifying that there were less than 0.0001 (or zero) tons of emissions for each blank.

Pollutant	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	**0** Tons	Tons	**0** Tons	**0** Tons	**0** Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
Emission factor:	**0**		**0.60**	**280**	**84**
In pounds per unit:	MILLION CUBI		MILLION CUBI	MILLION CUBI	MILLION CUBI
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

Important: Reporting now required for t-Butyl Acetate

Pollutant	VOC	HOC	*Reserved*	NH3	**Other:** specify
Actual for previous year eDEP only:	**0** Tons	Tons	Tons	Tons	Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
Emission factor:	**5.50**				
In pounds per unit:	MILLION CUBI				
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis - DEP approval number or regulation:					

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2006
Year of record
1
DEP EU# (old Point #)
1190634
Facility AQ identifier

D. Total Emissions for Emissions Unit

This form calculates this emission unit's total actual and potential emissions if you have provided all of the emissions for each material or finished product in Section B.

1. Total Emissions for this emissions unit - tons per year:

Pollutant	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	0 Tons	Tons	12 Tons	4 Tons	1 Tons
Actual for year of record:	**0.41** Tons	Tons	**16.25** Tons	**9.20** Tons	**1.90** Tons
Potential emissions at maximum capacity:	**2** Tons	**0** Tons	**52** Tons	**18** Tons	**5** Tons
For this unit as a whole only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

Pollutant - check box to manually enter emissions:	VOC	HOC	HYC	NH3	Other: specify
Actual for previous year eDEP only:	0 Tons	Tons	Tons	Tons	Tons
Actual for year of record:	**0.2120** Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity:	**0.5110** Tons	**0** Tons	**0** Tons	**0** Tons	Tons
For this unit as a whole only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis - DEP approval number or regulation:					

2. Ozone season schedule – May 1 through September 30:

1.1426
a. Typical ozone day VOC emissions – pounds per day

☐ check to enter your own values

49.5844
b. Typical ozone day NOx emissions – pounds per day

☐ check to enter your own values

NOTE: The form has estimated the emissions for you. However, you may enter your own values by checking the boxes above.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

2
DEP EU# (old Point #)

1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #148 - 3,320,000 GAL LIQUID ASPHALT
a. Facility's choice of emission unit name – edit as needed

2
b. Facility's emission unit number / code – edit as needed

2
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1932
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

42
c. Height / Length – feet

117
d. Diameter – feet

3320000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

2
DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LIQUID ASPHALT
a. Name of material

8052424
b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

320
f. Temperature – typical storage temp. in °Fahrenheit

e. Vapor pressure in PSI at 25º C

15090917.0000
g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

3
DEP EU# (old Point #)

1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #193 - 3,367,140 GAL LIQUID ASPHALT
a. Facility's choice of emission unit name – edit as needed

3
b. Facility's emission unit number / code – edit as needed

3
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1948
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

40
c. Height / Length – feet

120
d. Diameter – feet

3367140
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

3
DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LIQUID ASPHALT
a. Name of material

8052424
b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

320
f. Temperature – typical storage temp. in °Fahrenheit

15090917.0000
e. Vapor pressure in PSI at 25º C

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

4
DEP EU# (old Point #)

1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #194 - 3,367,140 GAL LIQUID ASPHALT
a. Facility's choice of emission unit name – edit as needed

4
b. Facility's emission unit number / code – edit as needed

4
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1948
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

40
c. Height / Length – feet

120
d. Diameter – feet

3367140
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

4
DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LIQUID ASPHALT
a. Name of material

8052424
b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

320
f. Temperature – typical storage temp. in °Fahrenheit

15090917.0000
e. Vapor pressure in PSI at 25º C

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

Click "?" icon for **SC Code help**

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

5
DEP EU# (old Point #)

1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGXT #195 - 3,367,140 GAL LIQUID ASPHALT
a. Facility's choice of emission unit name – edit as needed

5
b. Facility's emission unit number / code – edit as needed

5
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1948
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

40
c. Height / Length – feet

120
d. Diameter – feet

3367140
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006	Year of record
5	DEP EU# (old Point #)
1190634	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LIQUID ASPHALT
a. Name of material

8052424
b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

320
f. Temperature – typical storage temp. in °Fahrenheit

e. Vapor pressure in PSI at 25º C

15090917.0000
g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

2. Attachments: ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

6
DEP EU# (old Point #)

1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #1002 - 844,200 GAL LIQUID ASPHALT
a. Facility's choice of emission unit name – edit as needed

6
b. Facility's emission unit number / code – edit as needed

6
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1965
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

40
c. Height / Length – feet

59
d. Diameter – feet

844200
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

6
DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LIQUID ASPHALT
a. Name of material

8052424
b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

320
f. Temperature – typical storage temp. in °Fahrenheit

15090917.0000
e. Vapor pressure in PSI at 25º C

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

Click "?" icon for **SC Code help**

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

8
DEP EU# (old Point #)

1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #1004 - 844,200 GAL
a. Facility's choice of emission unit name – edit as needed

8
b. Facility's emission unit number / code – edit as needed

8
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1980
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

40
c. Height / Length – feet

59
d. Diameter – feet

444200
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006	Year of record
8	DEP EU# (old Point #)
1190634	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

EMPTY (OUT OF SERVICE)
a. Name of material

b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

e. Vapor pressure in PSI at 25º C

0.0000
f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record
10
DEP EU# (old Point #)
1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #21 - 19,700 GAL EXXON HT-43 OIL
a. Facility's choice of emission unit name – edit as needed

10
b. Facility's emission unit number / code – edit as needed

10
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

23
c. Height / Length – feet

12
d. Diameter – feet

19700
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

10
DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

CALORIA - HT-43 (THERMAL OIL)
a. Name of material

b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

60
f. Temperature – typical storage temp. in °Fahrenheit

e. Vapor pressure in PSI at 25º C

0.0000
g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

11
DEP EU# (old Point #)

1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #22 - 15,000 GAL #2 OIL
a. Facility's choice of emission unit name – edit as needed

11
b. Facility's emission unit number / code – edit as needed

11
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1970
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

24
c. Height / Length – feet

10
d. Diameter – feet

15000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record
11
DEP EU# (old Point #)
1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NO. 2 FUEL OIL
a. Name of material

68476335
b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

60
f. Temperature – typical storage temp. in °Fahrenheit

e. Vapor pressure in PSI at 25º C

763000.0000
g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

12
DEP EU# (old Point #)

1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #23 - 30,000 GAL KEROSENE
a. Facility's choice of emission unit name – edit as needed

12
b. Facility's emission unit number / code – edit as needed

12
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1970
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

35
c. Height / Length – feet

12
d. Diameter – feet

30000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006	Year of record
12	DEP EU# (old Point #)
1190634	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

KEROSENE
a. Name of material

8008206
b. CAS number if single chemical

40301015
c. SC Code for standing / breathing loss

PETROLEUM STORAGEJET NAPHTHA JP-4
d. SC Code description – filled by eDEP

60
f. Temperature – typical storage temp. in °Fahrenheit

100000.0000
g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

Click "?" icon for **SC Code help**

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

13
DEP EU# (old Point #)

1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #24 - 30,000 GAL KEROSENE
a. Facility's choice of emission unit name – edit as needed

13
b. Facility's emission unit number / code – edit as needed

13
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1976
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

35
c. Height / Length – feet

12
d. Diameter – feet

30000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006	Year of record
13	DEP EU# (old Point #)
1190634	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

KEROSENE
a. Name of material

8008206
b. CAS number if single chemical

40301015
c. SC Code for standing / breathing loss

PETROLEUM STORAGEJET NAPHTHA JP-4
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

60
f. Temperature – typical storage temp. in °Fahrenheit

100000.0000
e. Vapor pressure in PSI at 25º C

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record
15
DEP EU# (old Point #)
1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #11-18 - 47,460 GAL ASPHALT
a. Facility's choice of emission unit name – edit as needed

15
b. Facility's emission unit number / code – edit as needed

15
c. DEP emissions unit # – SSEIS point #

8
d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1919
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☐ fixed ☑ other: HORIZONTAL
Specify other

47
c. Height / Length – feet

13
d. Diameter – feet

47460
e. Capacity – gallons

6. Construction: ☐ steel weld ☐ other weld ☑ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record
15
DEP EU# (old Point #)
1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LIQUID ASPHALT
a. Name of material

8052424
b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

320
f. Temperature – typical storage temp. in °Fahrenheit

e. Vapor pressure in PSI at 25º C

0.0000
g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record
16
DEP EU# (old Point #)
1190634
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AGST #19-20 - 24,300 GAL ASPHALT (NOT USED)
a. Facility's choice of emission unit name – edit as needed

16
b. Facility's emission unit number / code – edit as needed

16
c. DEP emissions unit # – SSEIS point #

2
d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1919
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to **delete** a unit ?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☐ fixed ☑ other: HORIZONTAL
Specify other

45
c. Height / Length – feet

10
d. Diameter – feet

24360
e. Capacity – gallons

6. Construction: ☐ steel weld ☐ other weld ☑ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2006
Year of record

16
DEP EU# (old Point #)

1190634
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

EMPTY (OUT OF SERVICE)
a. Name of material

b. CAS number if single chemical

40301099
c. SC Code for standing / breathing loss

PETROLEUM STORAGE-SPECIFY LIQUID-WO
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

e. Vapor pressure in PSI at 25º C
0.0000

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes**: please include in the space below any additional information that will help DEP understand your submission.

2. Attachments: ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-TES

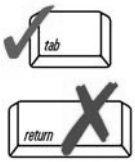
Total Emissions Statement & Hazardous Air Pollutant List

2006
Year of record

1190634
Facility AQ identifier

A. Annual Total Emissions Statement

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Facility Identifiers:

SPRAGUE-EVERETT TERMINAL
a. Facility name

373005
b. DEP Account number

1190634
c. Facility AQ identifier – SSEIS ID number

2. **Total Emissions** - This form calculates your facility's actual and potential emissions by adding the emissions you entered in forms for each emission unit. The results are displayed in the table below. You must validate forms for each emission unit before the results below can be complete. To enter HAP emissions, see Section D.

3. **Facility-wide Emission Limits** -- Please enter facility-wide annual or short-term emissions limits below, if any. To enter HAP restrictions, see Section D.

Pollutant:	**PM10**	**PM2.5**	**SO2**	**NO2**	**CO**
Actual for previous year eDEP only:	0 Tons	Tons	12 Tons	4 Tons	1 Tons
Actual for year of record:	**0.41** Tons	**0** Tons	**16.25** Tons	**9.20** Tons	**1.90** Tons
Potential emissions at max capacity uncontrolled:	**2** Tons	**0** Tons	**52** Tons	**18** Tons	**5** Tons
Facility-wide restrictions on Facility-wide max allowed emissions – annual:	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

Pollutant:	**VOC**	**HOC**	***Reserved***	**NH3**	☐ **CO2**
Actual for previous year eDEP only:	0 Tons	Tons	Tons	Tons	Tons
Actual for year of record:	**0.2120** Tons	**0** Tons	**0** Tons	**0** Tons	Tons
Potential emissions at max capacity uncontrolled:	**0.5110** Tons	**0** Tons	**0** Tons	**0** Tons	Tons
Facility-wide restrictions only Facility-wide max allowed emissions – annual:	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

A. Annual Total Emissions Statement (cont.)

4. If you have **facility-wide** fuel, raw material, or product restrictions, complete the following for each:

a.
DEP approval # (most recent) | Amount of restriction | Restriction units | Per unit time
Description of fuel, raw material or product restricted

b.
DEP approval # (most recent) | Amount of restriction | Restriction units | Per unit time
Description of fuel, raw material or product restricted

c.
DEP approval # (most recent) | Amount of restriction | Restriction units | Per unit time
Description of fuel, raw material or product restricted

B. Greenhouse Gas List

GHG thresholds – what to report and what not to report here

1. Please indicate which – if any - of the following greenhouse gas chemicals are used and/or emitted by checking the appropriate box:

Use	Emitted		Use	Emitted	
☐	☐	Nitrous oxide N2O	☐	☐	Hydrofluorocarbons (HFC's)
☐	☐	Sulfur Hexafluoride (SF6)	☐	☐	Perfluorocarbons (PFCs)

C. Hazardous Air Pollutant (HAP) List

HAP thresholds – what to report and what not to report here

1. Does your facility use any of the Hazardous Air Pollutants regulated under Section 112 of the Clean Air Act that are listed below and on the following pages:

☐ yes - indicate which chemicals are used and which are emitted by checking the appropriate boxes
☑ no - skip to section D.

What is a HAP ?

Hazardous Air Pollutants				Hazardous Air Pollutants			
Use	Emitted		CAS #	Use	Emitted		CAS #
☐	☐	Acetaldehyde	75-07-0	☐	☐	Allyl chloride	107-05-1
☐	☐	Acetamide	60-35-5	☐	☐	4-Aminobiphenyl	92-67-1
☐	☐	Acetonitrile	75-05-8	☐	☐	Aniline	62-53-3
☐	☐	Acetophenone	98-86-2	☐	☐	o-Anisidine	90-04-0
☐	☐	2-Acetylaminofluorene	53-96-3	☐	☐	Asbestos	1332-21-4
☐	☐	Acrolein	107-02-8	☐	☐	Benzene	71-43-2
☐	☐	Acrylamide	79-06-1	☐	☐	Benzidine	92-87-5
☐	☐	Acrylic acid	79-10-7	☐	☐	Benzotrichloride	98-07-7
☐	☐	Acrylonitrile	107-13-1	☐	☐	Benzyl chloride	100-44-7

C. Hazardous Air Pollutant (HAP) List (cont.)

Use	Emitted	CAS #	Use	Emitted	CAS #
☐	☐ Biphenyl	92-52-4	☐	☐ 2,4-Dinitrotoluene	121-14-2
☐	☐ Bis(2-ethylhexyl)phthalate	117-81-7	☐	☐ 1,4-Dioxane (1,4-Diethyleneoxide)	123-91-1
☐	☐ Bis(chloromethyl)ether	542-88-1	☐	☐ 1,2-Diphenylhydrazine	122-66-7
☐	☐ Bromoform	75-25-2	☐	☐ Epichlorohydrin (1-Chloro-2,3-epoxypropane)	106-89-8
☐	☐ 1,3-Butadiene	106-99-0	☐	☐ 1,2-Epoxybutane (1,2-Butylene oxide)	106-88-7
☐	☐ Calcium cyanamide	156-62-7	☐	☐ Ethyl acrylate	140-88-5
☐	☐ Captan	133-06-2	☐	☐ Ethyl benzene	100-41-4
☐	☐ Carbaryl	63-25-2	☐	☐ Ethyl carbamate (Urethane)	51-79-6
☐	☐ Carbon disulfide	75-15-0	☐	☐ Ethyl chloride (Chloroethane)	75-00-3
☐	☐ Carbon tetrachloride	56-23-5	☐	☐ Ethylene dibromide (1,2-Dibromoethane)	106-93-4
☐	☐ Carbonyl sulfide	463-58-1	☐	☐ Ethylene dichloride (1,2-Dichloroethane)	107-06-2
☐	☐ Catechol	120-80-9	☐	☐ Ethylene glycol	107-21-1
☐	☐ Chloramben	133-90-4	☐	☐ Ethylene imine (Aziridine)	151-56-4
☐	☐ Chlordane	57-74-9	☐	☐ Ethylene oxide	75-21-8
☐	☐ Chlorine	7782-50-5	☐	☐ Ethylene thiourea	96-45-7
☐	☐ Chloroacetic acid	79-11-8	☐	☐ Ethylidene dichloride (1,1-Dichloroethane)	75-34-3
☐	☐ 2-Chloroacetophenone	532-27-4	☐	☐ Formaldehyde	50-00-0
☐	☐ Chlorobenzene	108-90-7	☐	☐ Heptachlor	76-44-8
☐	☐ Chlorobenzilate	510-15-6	☐	☐ Hexachlorobenzene	118-74-1
☐	☐ Chloroform	67-66-3	☐	☐ Hexachloro-butadiene	87-68-3
☐	☐ Chloromethyl methyl ether	107-30-2	☐	☐ Hexachlorocyclopentadiene	77-47-4
☐	☐ Chloroprene	126-99-8	☐	☐ Hexachloroethane	67-72-1
☐	☐ Cresols (mixed isomers)	1319-77-3	☐	☐ Hexamethylene-1,6-diisocyanate	822-06-0
☐	☐ m-Cresol	108-39-4	☐	☐ Hexamethylphosphoramide	680-31-9
☐	☐ o-Cresol	95-48-7	☐	☐ Hexane	110-54-3
☐	☐ p-Cresol	106-44-5	☐	☐ Hydrazine	302-01-2
☐	☐ Cumene	98-82-8	☐	☐ Hydrochloric acid	7647-01-0
☐	☐ 2,4-D, salts and esters	94-75-7	☐	☐ Hydrogen fluoride	7664-39-3
☐	☐ DDE	72-55-9	☐	☐ Hydrogen sulfide	7783-06-4
☐	☐ Diazomethane	334-88-3	☐	☐ Hydroquinone	123-31-9
☐	☐ Dibenzofuran	132-64-9	☐	☐ Isophorone	78-59-1
☐	☐ 1,2-Dibromo-3-chloropropane	96-12-8	☐	☐ Lindane	58-89-9
☐	☐ Dibutylphthalate	84-74-2	☐	☐ Maleic anhydride	108-31-6
☐	☐ 1,4-Dichlorobenzene	106-46-7	☐	☐ Methanol	67-56-1
☐	☐ 3,3-Dichlorobenzidene	91-94-1	☐	☐ Methoxychlor	72-43-5
☐	☐ Dichloroethylether (Bis(2-chloroethyl)ether)	111-44-4	☐	☐ Methyl bromide (Bromomethane)	74-83-9
☐	☐ 1,3-Dichloropropene (1,3-Dichloropropylene)	542-75-6	☐	☐ Methyl chloride (Chloromethane)	74-87-3
☐	☐ Dichlorvos	62-73-7	☐	☐ Methyl chloroform (1,1,1-Trichloroethane)	71-55-6
☐	☐ Diethanolamine	111-42-2	☐	☐ Methyl ethyl ketone	78-93-3
☐	☐ N,N-Diethyl aniline (N,N-Dimethylaniline)	121-69-7	☐	☐ Methyl hydrazine	60-34-4
☐	☐ Diethyl sulfate	64-67-5	☐	☐ Methyl iodide (Iodomethane)	74-88-4
☐	☐ 3,3-Dimethoxybenzidine	119-90-4	☐	☐ Methyl isobutyl ketone (Hexone)	108-10-1
☐	☐ Dimethyl aminoazobenzene	60-11-7	☐	☐ Methyl isocyanate	624-83-9
☐	☐ 3,3-Dimethyl benzidine	119-93-7	☐	☐ Methyl methacrylate	80-62-6
☐	☐ Dimethyl carbamoyl chloride	79-44-7	☐	☐ Methyl tert-butyl ether	1634-04-4
☐	☐ Dimethyl formamide (N,N-)	68-12-2	☐	☐ 4,4-Methylenebis(2-chloroaniline)	101-14-4
☐	☐ 1,1-Dimethyl hydrazine	57-14-7	☐	☐ Methylene chloride (Dichloromethane)	75-09-2
☐	☐ Dimethyl phthalate	131-11-3	☐	☐ Methylene diphenyl diisocyanate(MDI)	101-68-8
☐	☐ Dimethyl sulfate	77-78-1	☐	☐ 4,4-Methylenedianiline	101-77-9
☐	☐ 4,6-Dinitro-o-cresol and salts	534-52-1	☐	☐ Naphthalene	91-20-3
☐	☐ 2,4-Dinitrophenol	51-28-5	☐	☐ Nitrobenzene	98-95-3

C. Hazardous Air Pollutant (HAP) List (cont.)

Use	Emitted	CAS #
☐	☐ 4-Nitrobiphenyl	92-93-3
☐	☐ 4-Nitrophenol	100-02-7
☐	☐ 2-Nitropropane	79-46-9
☐	☐ N-Nitrosodimethylamine	62-75-9
☐	☐ N-Nitrosomorpholine	59-89-2
☐	☐ N-Nitroso-N-methylurea	684-93-5
☐	☐ Parathion	56-38-2
☐	☐ Pentachloronitrobenzene (Quintozene)	82-68-8
☐	☐ Pentachlorophenol	87-86-5
☐	☐ Phenol	108-95-2
☐	☐ p-Phenylenediamine	106-50-3
☐	☐ Phosgene	75-44-5
☐	☐ Phosphine	7803-51-2
☐	☐ Phosphorous	7723-14-0
☐	☐ Phthalic anhydride	85-44-9
☐	☐ PCBs	1336-36-3
☐	☐ 1,3- Propane sultone	1120-71-4
☐	☐ beta-Propiolactone	57-57-8
☐	☐ Propionaldehyde	123-38-6
☐	☐ Propoxur (Baygon)	114-26-1
☐	☐ Propylene dichloride (1,2 Dichloropropane)	78-87-5
☐	☐ Propylene oxide	75-56-9
☐	☐ 1,2-Propylenimine (2-Methyl aziridine)	75-55-8
☐	☐ Quinoline	91-22-5
☐	☐ Quinone	106-51-4
☐	☐ Styrene	100-42-5
☐	☐ Styrene oxide	96-09-3
☐	☐ 2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
☐	☐ 1,1,2,2-Tetrachloroethane	79-34-5
☐	☐ Tetrachloroethylene (Perchloroethylene)	127-18-4
☐	☐ Titanium tetrachloride	7550-45-0
☐	☐ Toluene	108-88-3
☐	☐ Toluene-2,4- diamine	95-80-7
☐	☐ 2,4-Toluene diisocyanate	584-84-9
☐	☐ o-Toluidene	95-53-4
☐	☐ 1,2,4-Trichlorobenzene	120-82-1
☐	☐ 1,1,2-Trichloroethane	79-00-5
☐	☐ Trichloroethylene	79-01-6
☐	☐ 2,4,5-Trichlorophenol	95-95-4
☐	☐ Triethylamine	121-44-8
☐	☐ Trifluralin	1582-09-8
☐	☐ 2,2,4-Trimethylpentane	540-84-1
☐	☐ Vinyl acetate	108-05-4
☐	☐ Vinyl bromide	593-60-2
☐	☐ Vinyl chloride	75-01-4
☐	☐ Vinylidene chloride (1,1-Dichloroethylene)	75-35-4
☐	☐ Xylene (mixed isomers)	1330-20-7
☐	☐ m-Xylene	108-38-3
☐	☐ o-Xylene	95-47-6
☐	☐ p-Xylene	106-42-3
☐	☐ Antimony	7440-36-0
	Arsenic compounds:	
☐	☐ Arsenic	7440-38-2
☐	☐ Arsine	7784-42-1
	Other Metals:	
☐	☐ Beryllium	7440-41-7
☐	☐ Cadmium	7440-43-9
☐	☐ Chromium	7440-47-3
☐	☐Cobalt	7440-48-4
☐	☐ Lead	7439-92-1
☐	☐ Manganese	7439-96-5
☐	☐ Mercury	7439-97-6
☐	☐ Nickel	7440-02-0
☐	☐ Selenium	7782-49-2
☐	☐ Coke oven emissions	
☐	☐ Cyanide compounds (XCN where X=H or any other group where a formal dissociation may occur)	
☐	☐ Hydrogen cyanide	74-90-8
☐	☐ Glycol ethers (include mono- and di- esters of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH2CH2)n-OR' where n = 1, 2, or 3: R = alkyl C7 or less; or R= phenyl or alkyl substituted phenyl; R' = H or alkyl C7 or less; or OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate or sulfonate.	
☐	☐ Fine mineral fibers (includes glass microfibers, glass wool fibers, rock wool fibers and slag wool fibers, each characterized as "respirable" (fiber diameter < 3.5 micrometers) and possessing an aspect ratio (fiber length divided by fiber diameter) > 3)	
☐	☐ Polycyclic Organic Matters (POM) (includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100 C)	
☐	☐ Radionuclides (a type of atom which spontaneously undergoes radioactive decay)	

D. Hazardous Air Pollutant Emissions

Do you need an operating permit?

1. Does the facility have the potential to emit (PTE) 10 tons of any single listed Hazardous Air Pollutant (HAP)?

   ☐ yes ☑ no

Are you subject to TURA ?

2. Does the facility have the potential to emit (PTE) a total of 25 tons of any combination of listed Hazardous Air Pollutants (HAPs)?

   ☐ yes ☑ no

3. Does the facility have a restriction on total HAPS?

   ☐ yes ☑ no

4. Are you required to report HAP emissions here for any other reason? (e.g., a permit condition)

   ☐ yes ☑ no

5. If you answered "yes" to any of the questions 1- 4 above you need to report your single largest HAP emissions and your total HAP emissions for the year. You also need to report emissions for any HAP for which you have an emissions restriction. eDEP will generate additional pages needed to enter that data. If you wish to submit additional HAP data, you may add them to the HAP pages that follow or in the attachments and notes sections below.

E. Notes and Attachments

1. **Notes:** Please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:**

☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments in the notes field above and deliver them to DEP with a paper copy of this form.